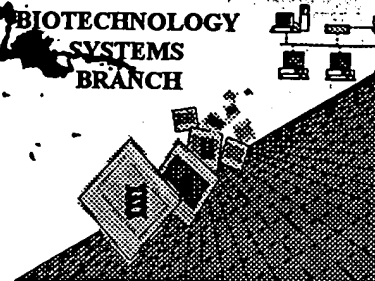


R. Leman

RAW SEQUENCE LISTING

ERROR REPORT



PH 7

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/374, 721

Art Unit / Team No. :

1645

Date Processed by STIC:

5/9/2000

RECEIVED
MAY 23 2000
TC 1606 MAIL ROOM

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

09/324,721

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) **(2) INFORMATION FOR SEQ ID NO:X:**
 (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) **<210> sequence id number**
 <400> sequence id number
 000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of <213>Organism Sequence(s) are missing this mandatory field or its response.
(NEW RULES)
- 12 Use of <220>Feature Sequence(s) are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

R. Leman

1645

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/374,721

DATE: 05/09/2000
TIME: 06:35:14

Input Set: I374721.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Kenten, John H.
2 Roberts, Steven
3 Lohnas, Gerald
4 <120> TITLE OF INVENTION: HEAT SHOCK FUSION-BASED VACCINE SYSTEM
5 <130> FILE REFERENCE: CIP OF IGN-9601
6 <140> CURRENT APPLICATION NUMBER: US/09/374,721
7 <141> CURRENT FILING DATE: 1999-08-13
8 <150> EARLIER APPLICATION NUMBER: 09/026,276
9 <151> EARLIER FILING DATE: 1998-02-19
10 <160> NUMBER OF SEQ ID NOS: 35
11 <170> SOFTWARE: PatentIn Ver. 2.0
12 <210> SEQ ID NO 1
13 <211> LENGTH: 35
14 <212> TYPE: PRT
15 <213> ORGANISM: Artificial Sequence
16 <220> FEATURE:
17 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
18 antigen
19 <400> SEQUENCE: 1
20 Cys Thr Arg Pro Asn Asn Asn Thr Arg Lys Ser Ile His Ile Gly Pro
21 1 5 10 15
22 Gly Arg Ala Phe Tyr Thr Thr Gly Glu Ile Ile Gly Asp Ile Arg Gln
23 20 25 30
24 Ala His Cys
25 35
26 <210> SEQ ID NO 2
27 <211> LENGTH: 15
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
32 antigen
33 <400> SEQUENCE: 2
34 Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Lys
35 1 5 10 15
36 <210> SEQ ID NO 3
37 <211> LENGTH: 17
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
42 antigen
43 <400> SEQUENCE: 3
44 Cys Lys Ser Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Gly

Does Not Comply
Corrected Diskette Needed

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/374,721

DATE: 05/09/2000
TIME: 06:35:14

Input Set: I374721.RAW

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49	<212> TYPE: DNA			
50	<213> ORGANISM: Artificial Sequence			
51	<220> FEATURE:			
52	<223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer			
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55	<210> SEQ ID NO 5			
56	<211> LENGTH: 37			
57	<212> TYPE: DNA			
58	<213> ORGANISM: Artificial Sequence			
59	<400> SEQUENCE: 5			
60	tggtgttaaa ctgtctgacg ctctgtaagc ttctgca			37
61	<210> SEQ ID NO 6			
62	<211> LENGTH: 43			
63	<212> TYPE: DNA			
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66	<223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer			
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69	<210> SEQ ID NO 7			
70	<211> LENGTH: 36			
71	<212> TYPE: DNA			
72	<213> ORGANISM: Artificial Sequence			
73	<220> FEATURE:			
74	<223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer			
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77	<210> SEQ ID NO 8			
78	<211> LENGTH: 50			
79	<212> TYPE: DNA			
80	<213> ORGANISM: Artificial Sequence			
81	<220> FEATURE:			
82	<223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer			
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84	ttaagactgc gtggcgctga ccaggttcac ttccagccgc tgccgccggc			50
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90	<223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer			
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92	gcggctggaa gtgaacctgg tcagcgccac gcagtc			36
93	<210> SEQ ID NO 10			
94	<211> LENGTH: 55			

See Item 12 in EPO Summary Sheet

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/374,721

 DATE: 05/09/2000
 TIME: 06:35:14

Input Set: I374721.RAW

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104  <213> ORGANISM: Artificial Sequence
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127  <212> TYPE: DNA
128  <213> ORGANISM: Artificial Sequence
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132      gtaggtggt gtagaaagca cgacccggac cgat      34
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/374,721DATE: 05/09/2000
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Input Set: I374721.RAW

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146 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
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148 <400> SEQUENCE: 16
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150 1 5 10
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152 <211> LENGTH: 19
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
157 antigen
158 <400> SEQUENCE: 17
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160 1 5 10 15
161 Asp Ala Leu
162 <210> SEQ ID NO 18
163 <211> LENGTH: 22
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
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167 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
168 antigen
169 <400> SEQUENCE: 18
170 Lys Glu Asp Val Cys Ala Gln Val His Pro Gln Lys Val Thr Lys Phe
171 1 5 10 15
172 Met Leu Cys Ile Pro Pro
173 20
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178 <220> FEATURE:
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180 antigen
181 <400> SEQUENCE: 19
182 Lys Glu Asp Val Cys Ala Gln Val His Pro Gln Lys Val Thr Lys Phe
183 1 5 10 15
184 Met Leu Cys Met Pro Pro
185 20
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189 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
192 antigen
193 <400> SEQUENCE: 20
194 Lys Glu Cys Ala Gln Val His Pro Gln Lys Val Thr Lys Phe Met Leu

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/374,721

 DATE: 05/09/2000
 TIME: 06:35:14

Input Set: I374721.RAW

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197          20
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208      Pro
209  <210> SEQ ID NO 22
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211  <212> TYPE: PRT
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216  <400> SEQUENCE: 22
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218          1          5          10          15
219      Arg Ile Gly Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr
220          20          25          30
221  <210> SEQ ID NO 23
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228  <400> SEQUENCE: 23
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238  <400> SEQUENCE: 24
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240          1          5          10          15
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242          20
243  <210> SEQ ID NO 25
244  <211> LENGTH:

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/374,721

DATE: 05/09/2000
TIME: 06:35:14

Input Set: I374721.RAW

Line ? Error/Warning

Original Text

248 W Line data has been corrected

334 W Line data has been corrected